

Work Order ID 151702

151702

Page 2

Friday, October 07, 2016 2:33:12 PM

Item ID: 647.7303 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: EC135 Cable Cutters (Removable Provisions Only)
Start Date: 9/29/2016 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 10/7/2016 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 647.7303								
	Location: <u>Sold</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

DEC 16 2016
DAS
27
9-89

DEC 16 2016
mf
16-12-16

Picklist Print

Friday, October 07, 2016 2:33:11 PM

Page 1/8

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.05 NEW ISSUE DD VERF:JLM IPP
REV:B 16.04.26 sa per dwg revB DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
601.2045 *601 2045* RTV (LOCTITE 598)McMaster p/n: 6641A41		Purchased	No				Each	12.0000	**	1		DAS 6 DEC 15 2016 9-89	DAS 27 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				CCK096			4						
				m135628			4			13671			
				GA			8						
				m134260			8						
601.3011 *601 3011* P-Seal		Manufactured	No				f	67.1000	**	1.4		DAS 6 DEC 15 2016 9-89	DAS 27 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				CCK095			50						
				91709			50						
				CCK099			17.1						
				M130388			17.1			14		DEC 15 2016	
647.0112 *647 0112* Strut Bracket		Manufactured	No				Each	0.0000	**	4		DAS 6 DEC 15 2016 9-89	DAS 27 9-89
647.1701 *647 1701* Skid Deflector Assembly		Manufactured	No				Each	10.0000	**	2		DAS 6 DEC 15 2016 9-89	DAS 27 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				CCK033			10						
				132978			3						
				138396			5			2			
				141079			2						

Picklist Print

Friday, October 07, 2016 2:33:11 PM

Page 2

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

647.2511

Manufactured No

Each 55.0000

647 2511

Nut

**

DEC 15 2016

DAS 6 27 9-89

Location

Loc Qty

Loc Code

cck111

55

100468

2

110638

26

92235

18

93354

9

647.7401

Manufactured No

Each 4.0000

647 7401

Upper Cutter Assembly

**

DEC 15 2016

DAS 6 27 9-89

Location

Loc Qty

Loc Code

cck029

4

137316

2

138426

1

144091

1

647.7501

Manufactured No

Each 1.0000

647 7501

Lower Cutter Assembly

**

DEC 15 2016

DAS 6 27 9-89

Location

Loc Qty

Loc Code

cck001

1

146726

1

647.7701

Manufactured No

Each 3.0000

647 7701

Strut Assembly

**

DEC 15 2016

DAS 6 27 9-89

Location

Loc Qty

Loc Code

CCK114

3

146722

3

Friday, October 07, 2016 2:33:11 PM

Shop Packet Print

Page 2

Picklist Print

Friday, October 07, 2016 2:33:11 PM

Page 3

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

647.7702

Manufactured No

Each 7.0000

647 7702

Strut Assembly

**

2
153/92

DEC 15 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK076

7

146723

7

AN3-11A

Purchased No

Each 143.0000

AN3-11A

Bolt

**

4

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

over003

100

m135767

100

ST349

43

m135390

43

AN316C4R

Purchased No

Each 7.0000

AN316C4R

Nut, Jam

**

4

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST331

7

m133234

7

AN44-12A

Purchased No

Each 26.0000

AN44-12A

Eyebolt

**

135840x3

DEC 15 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST339

26

124131

6

124263

20

DEC 15 2016

DAS
28
9-89

Picklist Print

Friday, October 07, 2016 2:33:11 PM

Page 4

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

AN44-5A Purchased No Each 21.0000
AN44-5A
 Eyebolt

**

2

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

Location	Loc Qty	Loc Code
ST339	21	
m135127	9	
m135774	12	

135853

AN4C7A Purchased No Each 40.0000
AN4C7A
 BOLT

**

4

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

Location	Loc Qty	Loc Code
ST345	40	
m135470	40	

4

AN665-34R Purchased No Each 19.0000
AN665-34R
 Clevis

**

4

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

Location	Loc Qty	Loc Code
ST330	19	
M135603	19	

6

MS21042-08 MS21042L08 Purchased No Each 0.0000
MS21042-08
 USE MS21042L08

**

6

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

MS21042-3 MS21042L3 Purchased No Each 0.0000
MS21042-3
 Nut

**

4

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

Friday, October 07, 2016 2:33:11 PM

Shop Packet Print

Page 4

Picklist Print

Friday, October 07, 2016 2:33:11 PM

Page 5

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

1,604.000

8

MS21042L4

Nut

**

DAS
6
9-89

DEC 15 2016
DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

34

m133363

34

135864

GA

260

m135058

260

OVER007

1000

m135704

500

m135774

500

ST303

310

m135603

310

MS21266-2N

Purchased

No

Each

49.0000

1

MS21266-2N

Grommet

**

DAS
6
9-89

DEC 15 2016
DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST294

49

123900

40

M130388

9

1

MS27039-08-13

Purchased

No

Each

74.0000

4

MS27039-08-13

Screw

**

DAS
6
9-89

DEC 15 2016
DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST278

74

124326

74

4

Picklist Print

Friday, October 07, 2016 2:33:11 PM

Page 6

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-16

Purchased

No

Each

94.0000

2

MS27039-08-16

**

SCREW PAN HD

DAS
6
9-89

DEC 15 2016

DAS
27
9-89DAS
28
9-89LocationLoc QtyLoc Code

CA

48

112466

48

ST278

46

M130388

46

Each

1,384.000

12

NAS1149F0332P

Purchased

No

NAS1149F0332P

**

Washer

DAS
6
9-89

DEC 15 2016

DAS
27
9-89DAS
28
9-89LocationLoc QtyLoc Code

GA

282

m133709

282

ST262

1102

m135544

1102

Each

1,473.000

8

NAS1149F0432P

Purchased

No

NAS1149F0432P

**

WASHER

DAS
6
9-89

DEC 15 2016

DAS
27
9-89DAS
28
9-89LocationLoc QtyLoc Code

ST260a

1000

M135704

1000

ST262

473

M134955

473

Each

690.0000

8

NAS1149F0463P

Purchased

No

NAS1149F0463P

**

Washer

DAS
6
9-89

DEC 15 2016

DAS
27
9-89DAS
28
9-89LocationLoc QtyLoc Code

ST262

690

m127832

690

Friday, October 07, 2016 2:33:12 PM

Shop Packet Print

Page 6

Picklist Print

Friday, October 07, 2016 2:33:12 PM

Page 7

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0532P

Purchased

No

Each

2,430.000

2

DAS
6
9-89

DAS
27
9-89

NAS1149F0532P

Washer

DEC 15 2016

DAS
28
9-89

Location

Loc Qty

Loc Code

ST260a

600

m133725

600

ST262

1830

18057

1830

2

NAS1149FN832P

Purchased

No

Each

2,455.000

12

DAS
27
9-89

NAS1149FN832P

Washer

DEC 15 2016

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

1537

M133769

89

M135058

1448

ST263

918

M135603

918

12

NAS6603-12

Purchased

No

Each

136.0000

4

DAS
27
9-89

NAS6603-12

Bolt

DEC 15 2016

DAS
28
9-89

Location

Loc Qty

Loc Code

st552

136

123900

124

m130388

12

4

DAS
6
9-89

Picklist Print

Friday, October 07, 2016 2:33:12 PM

Page 8

Work Order ID: 151702

151702

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 9/29/2016

Required Date: 10/7/2016

Start Qty: 1.00

Required Qty: 1.00

NAS6603-16

Purchased

No

Each

81.0000

4

NAS6603-16

Bolt

**

DAS
6
9-89

DAS
27
9-89
DEC 15 2016

DAS
28
9-89

Location

Loc Qty

Loc Code

st552

81

m128199

19

m130388

12

m133523

50

NAS6604-66

Purchased

No

Each

96.0000

4

NAS6604-66

Bolt

**

DAS
6
9-89

DAS
27
9-89
DEC 15 2016

DAS
28
9-89

Location

Loc Qty

Loc Code

ST553

96

124328

52

M130388

44

Friday, October 07, 2016 2:33:12 PM

Shop Packet Print

Page 8



APICAL INDUSTRIES, INC.
dba DART AEROSPACE

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

ENGINEERING CHANGE NOTICE NO.

05465

SHEET 1 OF 1

DWG NO. 647.7300

REV: B

PREPARED BY J. BECKER

DATE: 07/07/16

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: EC135 CABLE CUTTES KIT

APPROVED BY:

ENGR

MFG

QC

EFF. NEXT ORDER

REASON: ADDED NOTE 10.

ECR: N/A

ACTION ITEM:

1.

SHEET 1, NOTE 10 IS:

NOTES: UNLESS OTHERWISE SPECIFIED

1 AFTER INSTALLATION, APPLY F/N 90 A/R TO FILL GAPS AND FILLET EDGES.

2 APPLY F/N 91 TO FAYING SURFACES.

3 DELETED.

4 MATCH DRILL HOLES THROUGH F/N 26 or F/N 98 AND FUSELAGE.

5 SHIM GAP BETWEEN F/N 1 & 26 AS NEEDED.

6 AT CUSTOMERS OPTION, INSTALL F/N 96 BY MATCH DRILLING ONTO F/N 1 FOR KIT P/N 647.7301 or F/N 99 FOR KIT P/N 647.7304.

7 647.7301 INSTALLATION FOR EC135.

8 647.7304 INSTALLATION FOR EC135 T2/P2.

9 EXCEPT WHERE NOTED, INSTALLATION FOR 647.7304 SAME AS 647.7301.

10 CUT LENGTH: 16 INCHES.

IS

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 151702 MJS
16-10-12

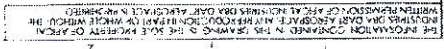
36	R	601.3011	1	1	1	1	1	1	P-SEAL				
F/N	TC	PART NUMBER	7306	7305	7304	7303	7302	7301	DESCRIPTION		MATERIAL	SPECIFICATION	
			QTY										
DOCUMENTS EFFECTED:										CHANGE CATEGORY		DER REVIEW REQUIRED	
☐ PATTERN ☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☒ BOM										☐ MAJOR ☒ MINOR		☐ YES ☒ NO	

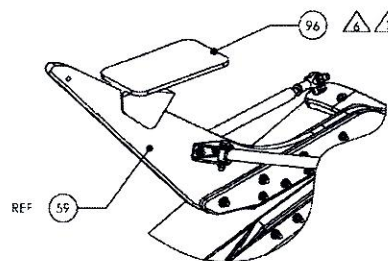
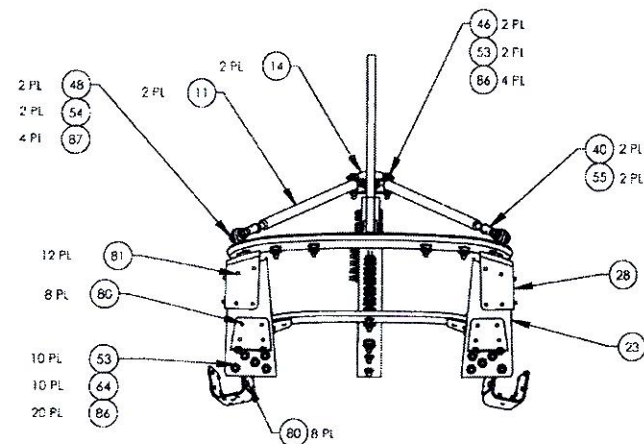
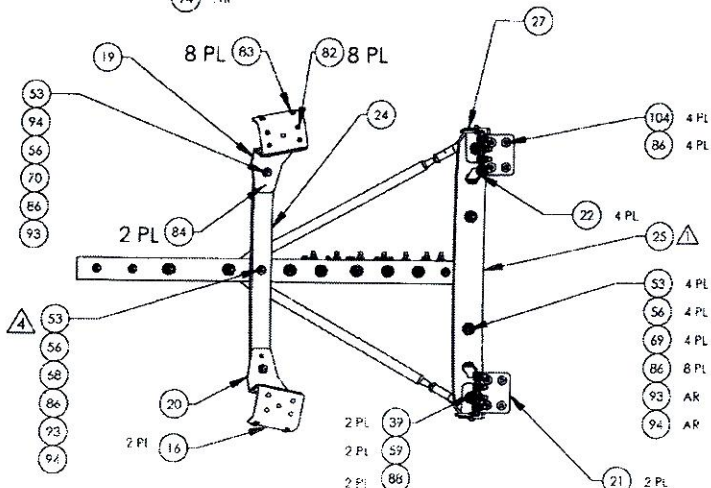
NOTES: UNLESS OTHERWISE SPECIFIED:
 1. AFTER INSTALLATION, APPLY F/N 90 A/R TO
 2. FIT GAPS AND FILLET EDGES.
 3. APPLY F/N 91 TO FAYING SURFACES.
 4. MATCH DRILL HOLES THROUGH F/N 26 &
 5. SHIM GAP BETWEEN F/N 1 & 26 AS NEEDED.
 6. AT CUSTOMER'S OPTION, INSTALL F/N 96 BY
 MATCH DRILLING ONTO F/N 1 FOR KIT P/N
 647.7301 OR F/N 99 FOR KIT P/N 647.7304.
 7. 647.7301 INSTALLATION FOR EC135.
 8. 647.7304 INSTALLATION FOR EC135 I/P 2.
 9. EXCEPT WHERE NOTED, INSTALLATION FOR
 647.7304 SAME AS 647.7301.

UNINCORPORATED ECN(S)

QTY	7306	7305	7304	7303	7302	7301	#	DESCRIPTION	MA T	SPEC
4	4	4	4	4	4	4	40	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	41	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	42	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	43	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	44	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	45	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	46	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	47	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	48	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	49	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	50	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	51	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	52	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	53	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	54	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	55	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	56	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	57	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	58	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	59	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	60	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	61	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	62	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	63	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	64	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	65	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	66	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	67	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	68	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	69	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	70	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	71	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	72	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	73	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	74	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	75	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	76	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	77	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	78	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	79	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	80	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	81	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	82	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	83	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	84	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	85	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	86	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	87	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	88	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	89	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	90	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	91	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	92	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	93	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	94	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	95	WASHER	601.1097	WASHER

QTY	7306	7305	7304	7303	7302	7301	#	DESCRIPTION	MA T	SPEC
4	4	4	4	4	4	4	40	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	41	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	42	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	43	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	44	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	45	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	46	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	47	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	48	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	49	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	50	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	51	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	52	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	53	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	54	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	55	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	56	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	57	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	58	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	59	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	60	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	61	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	62	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	63	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	64	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	65	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	66	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	67	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	68	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	69	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	70	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	71	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	72	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	73	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	74	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	75	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	76	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	77	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	78	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	79	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	80	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	81	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	82	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	83	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	84	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	85	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	86	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	87	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	88	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	89	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	90	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	91	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	92	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	93	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	94	WASHER	601.1097	WASHER
4	4	4	4	4	4	4	95	WASHER	601.1097	WASHER

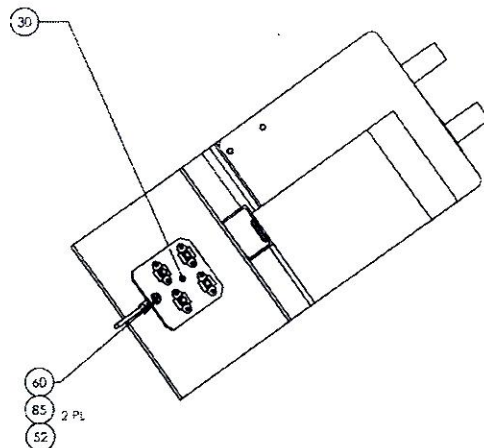
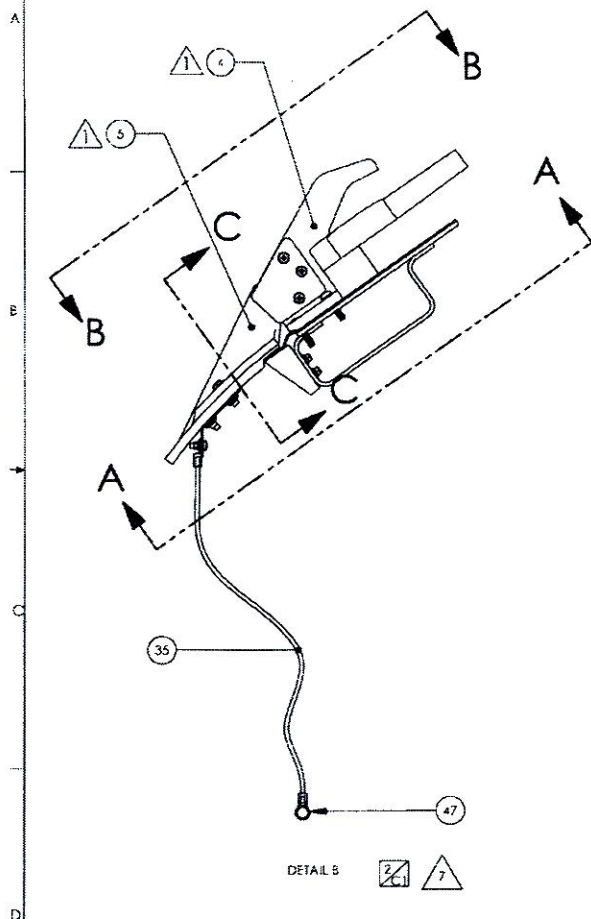
8



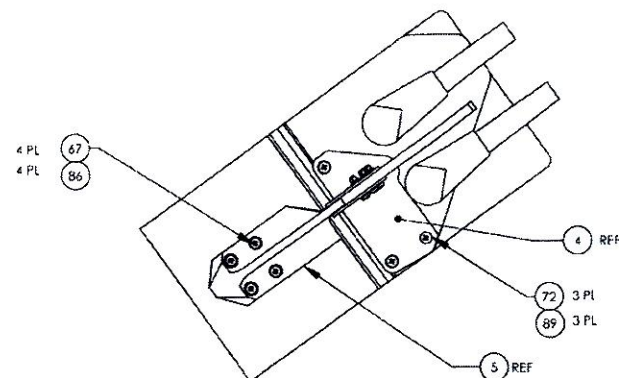
DETAIL 2 TYPICAL GPS MOUNT KIT INSTALLATION

ORIGINAL DATE MO/DA/TE	11/24/90	 DART AEROSPACE APICAL INDUSTRIES P.O. BOX 5041 ANDOVERSE	3030 ENTERPRISE CT. SUITE A VISTA, CA 92081 (760)-774-5300
DATE BY TO QUAN	01 BARBER		
DRAWING APPROVAL BY DATE SHEET NO.			
DRAWING CONTAINS SPECIFIED DIMENSIONS AND DIMENSIONS TO MATCH AS BUILT 2 PLACES DECIMALS: 20 3 PLACES DECIMALS: 2005 AUGUST 15 9		EC:135 CABLE CUTTERS KIT	
SIZE 6 SCALE NONE		DWG. NO. 07MZE 647.7300	REV. 0 3 OF 8

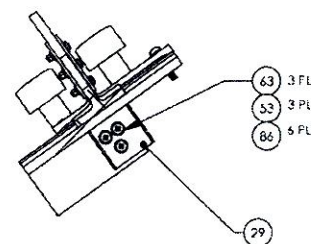
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AERIAL INDUSTRIES, INC. DART AEROSPACE AND REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF AERIAL INDUSTRIES OR DART AEROSPACE IS PROHIBITED.



SECTION A-A



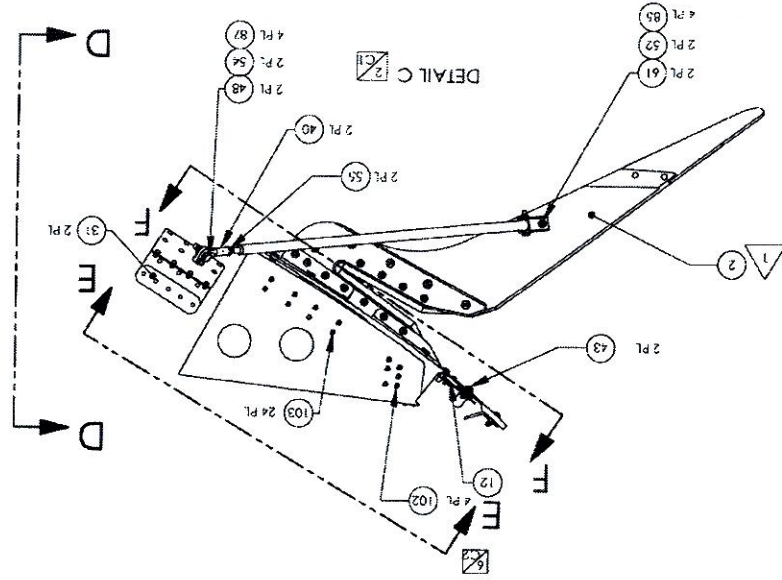
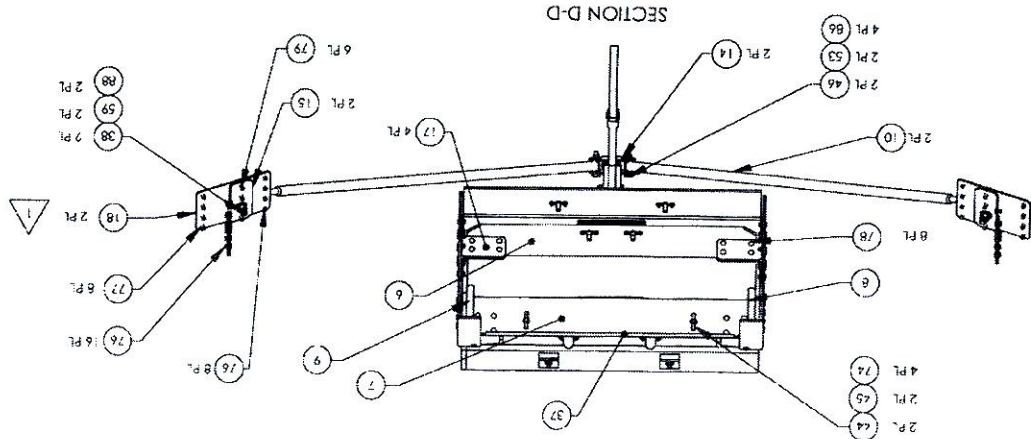
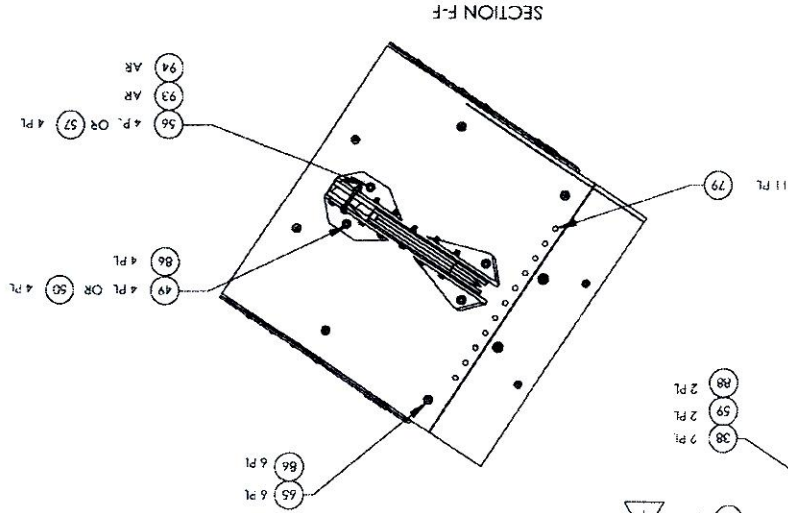
SECTION B-B

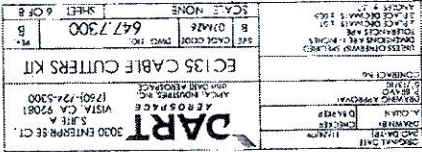
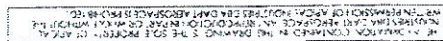


SECTION C-C

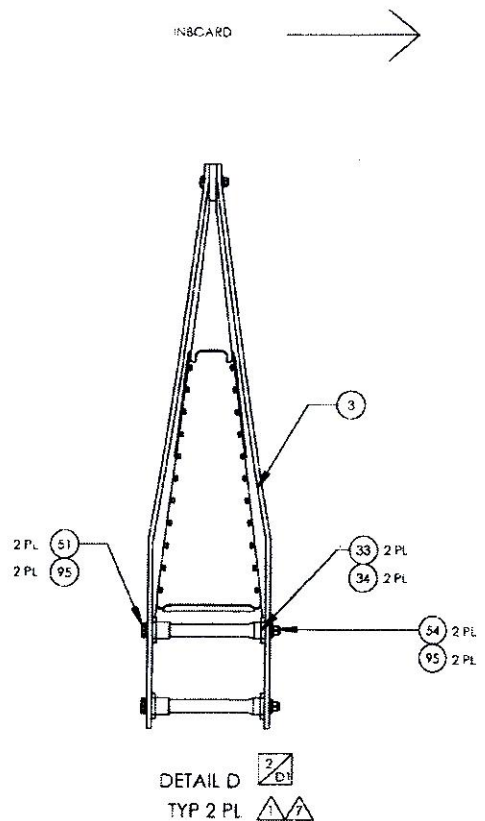
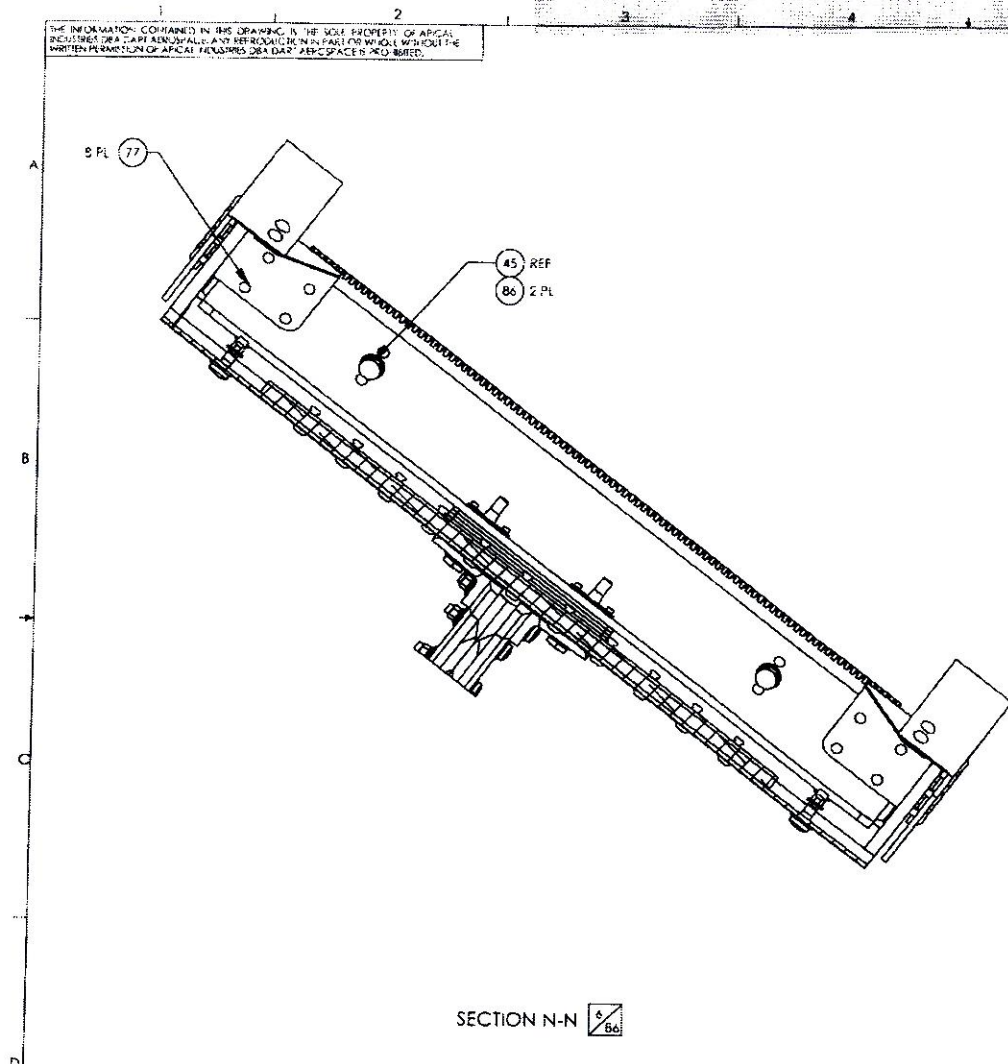
ORIGINAL DATE		11/19/00	
DRAWN BY		CYTECH	
A. QUAN		D. BAKER	
DRAWING APPROVAL			
P. BAKER			
CHECKED			
BY			
UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES	
TOLERANCES ARE:		FRACTIONS DECIMALS	
3 PLACES DECIMALS		0.001	
3 PLACES DECIMALS		0.001	
ANGLES		0.1°	
SCALE		NONE	
SHEET		4 OF 8	

DART AEROSPACE		3030 ENTERPRISE CT. SUITE A VISTA, CA. 92081 (760) 724-5300	
EC135 CABLE CUTTERS KIT			
SIT	CAGE CODE	DWG. NO.	REV.
B	07M26	647.7300	B

[illegible]

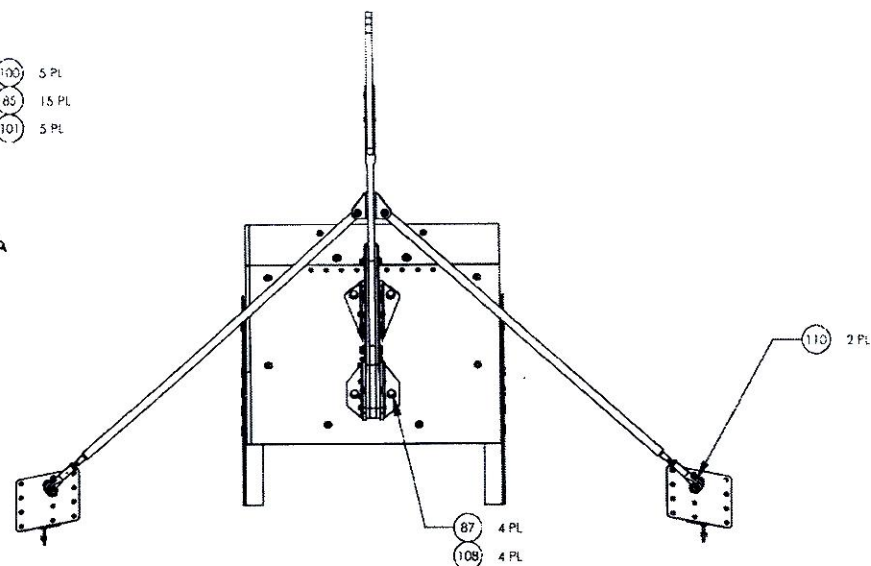
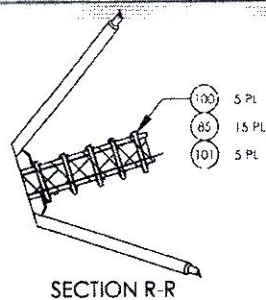
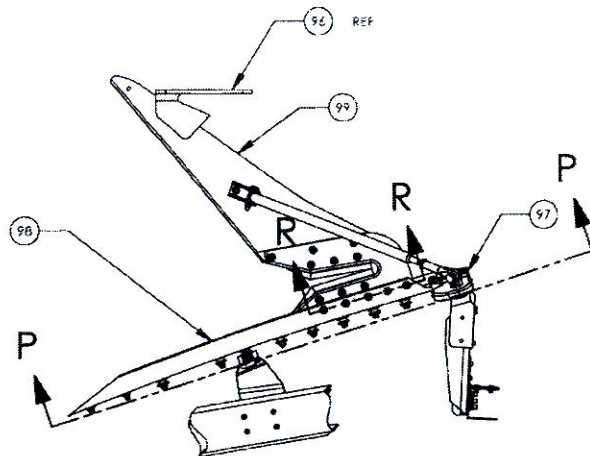


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART. ANY REPRODUCTION OR PART THEREOF WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



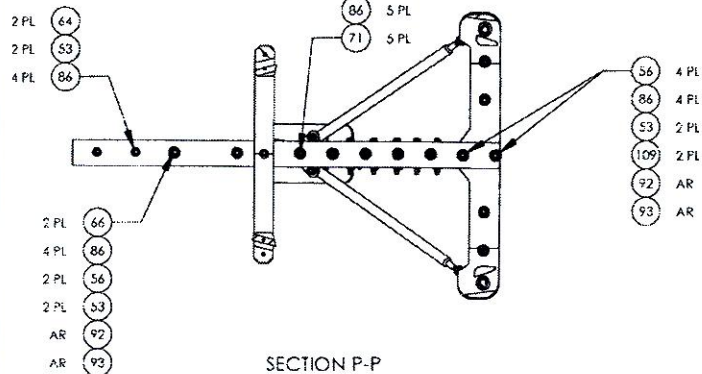
ORIGINAL DATE	11/08/08	DART AEROSPACE		3030 ENTERPRISE CT.
DRAWN BY	DESIGNED	APICAL INDUSTRIES, INC.		VISTA, CA 92081
CHECKED	DATE	APICAL INDUSTRIES, INC.		(760) 724-5300
APPROVED	DATE	APICAL INDUSTRIES, INC.		
EC135 CABLE CUTTERS KIT				
UNLESS OTHERWISE SPECIFIED	QUANTITY	DATE	REV	
QUANTITY	07/12/16	647.7300	2	
SCALE	NONE	SHEET 7 OF 8		

ALL INFORMATION CONTAINED ON THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE, WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



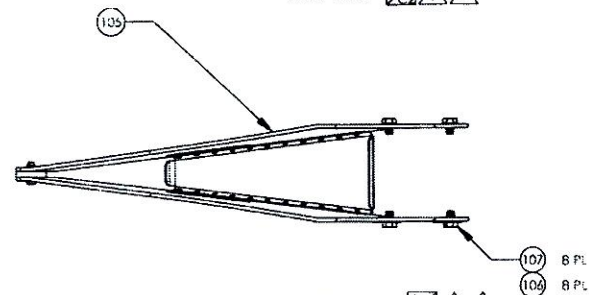
DETAIL A $\frac{2}{8.2}$ $\frac{8}{8}$ $\frac{9}{9}$

- 93 AR
- 92 AR
- 53 5 PL
- 56 5 PL
- 86 5 PL
- 71 5 PL



SECTION P-P

DETAIL C $\frac{2}{8.2}$ $\frac{8}{8}$ $\frac{9}{9}$



DETAIL D $\frac{2}{8.2}$ $\frac{8}{8}$ $\frac{9}{9}$

DPCOMAT DATE: 1/2/2001 DRAWN BY: J. CHOPIN CHECKED: J. CHOPIN ENGINEERING APPROVAL: [Signature] TITLE: EC135 CABLE CUTTERS KIT CONTRACT NO.:		DART 3030 ENTERPRISE CT., SUITE A AEROSPACE VISTA, CA. 92081 APICAL INDUSTRIES INC. (760) 724-5300 200 DART AEROSPACE	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ±.01 2 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE: 07M26 QTY: 5	PART NO: 647.7300 REV: 5
SCALE: NONE		SHEET: 8 OF 8	

REFERENCE ONLY

NOTES, UNLESS OTHERWISE SPECIFIED

1. AFTER INSTALLATION, APPLY F/N 90 A/R TO FIT GAPS AND FILLET EDGES
2. APPLY F/N 91 TO PAINTING SURFACES.
3. DELETED.
4. MATCH DRILL HOLES THROUGH F/N 26 OF F/N 98 AND FUSELAGE.
5. SHIM GAP BETWEEN F/N 1 & 26 AS NEEDED.
6. AT CUSTOMERS OPTION, INSTALL F/N 96 BY MATCH DRILLING ONTO F/N 1 FOR KIT P/N 647.7301 OF F/N 99 FOR KIT P/N 647.7304.
7. 647.7301 INSTALLATION FOR EC135.
8. 647.7304 INSTALLATION FOR EC135 T2/P2.
9. EXCEPT WHERE NOTED, INSTALLATION FOR 647.7304 SAME AS 647.7301.

UNINCORPORATED ECN(S)
D5415)

			8			c			93	601 027	WASHER	NAS 1490425
									94	647 2919	SHIM	
									92	600 0996	MAGNABOND 6398 PART A	
									93	600 0994	MAGNABOND 6398 PART B	
			1						71	601 2045	RIV	17041556
									95	600 1012	SEALANT	PA 142 01358
		3	3			3	5		87	601 2375	WASHER	
2	3	4	2		3	4			85	601 3 26	WASHER	NAS14990352P
2		12	8		8				87	601 3663	WASHER	NAS14990432B
8	77	85	12		74	86	86		86	601 1607	WASHER	NAS14990350C
23	2	25	12		2	14	85		601 2764	WASHER	NAS14990352P	
	2	2			2	2	84		601 3136	CHERRY RIVET		C 91213 5 6
	8	8			8	8	83		601 3215	CHERRY RIVET		C 91213 5 3
	8	8			8	8	82		601 3216	CHERRY RIVET		C 91213 5 4
	12	12			12	12	81		601 2481	CHERRY RIVET		C 91213 5 4
	16	16			16	16	83		601 2520	CHERRY RIVET		C 91213 5 2
	17	17			17	17	79		601 2991	CHERRY RIVET		C 91213 5 4
	8	8			8	8	78		601 1183	CHERRY RIVET		C 91213 5 4
	16	16			16	16	77		601 1915	CHERRY RIVET		C 91213 5 4
	24	24			24	24	76		601 0290	CHERRY RIVET		C 91213 5 4
	4	4			4	4	75		601 1604	CHERRY RIVET		C 91213 5 3
	4	4			4	4	74		601 1983	NUTPLATE RIVET		C 91213 5 3
	24	24			24	24	73		601 2207	NUTPLATE RIVET		C 91213 5 3
	3	3			3	3	72		601 2999	SCREW		C 91213 5 3
	3	3			3	3	71		601 2829	SCREW		C 91213 5 3
	2	2			2	2	70		601 1954	SCREW		C 91213 5 3
	4	4			4	4	69		601 2637	SCREW		C 91213 5 3
	1	1			1	1	68		601 3012	SCREW		C 91213 5 3
	4	4			4	4	67		601 1622	SCREW		C 91213 5 3
	2	2			2	2	66		601 1953	SCREW		C 91213 5 3
	6	6			6	6	65		601 1365	SCREW		C 91213 5 3
	12	12			12	12	64		601 3069	SCREW		C 91213 5 3
	3	3			3	3	63		601 2198	SCREW		C 91213 5 3
			2		2	2	62		601 3137	SCREW		C 91213 5 3
4		4	4		4	4	61		601 2988	SCREW		C 91213 5 3
							60		601 2525	SCREW		C 91213 5 3
	4	4			4	4	59		601 3127	LOCKNUT		C 91213 5 3
	2	2			2	2	58		647 85 12	INSERT		C 91213 5 3
	4	4			4	4	57		647 85 11	INSERT		C 91213 5 3
	27	20			19	18	56		647 85 10	INSERT		C 91213 5 3
		4	4		4	4	55		601 3128	NUT		C 91213 5 3
		4	8		8	8	54		601 3209	LOCKNUT		C 91213 5 3
	4	31	35		30	34	53		601 2943	LOCKNUT		C 91213 5 3
	4	1	5		6	7	52		601 2973	LOCKNUT		C 91213 5 3
					4	4	51		601 3009	BOLT		C 91213 5 3
					4	4	50		601 3130	BOLT		C 91213 5 3
					4	4	49		601 1500	BOLT		C 91213 5 3
					4	4	48		601 2669	BOLT		C 91213 5 3
	1	1			1	1	47		601 1324	BOLT		C 91213 5 3
		4	4		4	4	46		601 2826	BOLT		C 91213 5 3
	2	2			2	2	45		601 2823	BOLT		C 91213 5 3
	12	12			12	12	44		600 0795	NUTPLATE		C 91213 5 3
	2	2			2	2	43		601 3004	CAMLOC STUD		C 91213 5 3
	2	2			2	2	42		601 3303	CAMLOC RETAINER		C 91213 5 3
	2	2			2	2	41		601 3306	CAMLOC RECEPTACLE		C 91213 5 3
	4	4			4	4	40		601 2115	GREYS		C 91213 5 3
7306	7305	7304	7303	7302	7301	7300	7299	7298	7297	7296	7295	7294

[illegible]